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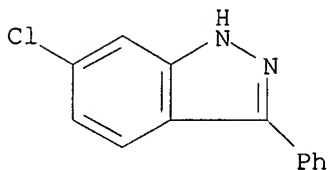
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L12 ANSWER 101 OF 104 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1968:506703 CAPLUS <<LOGINID::20071130>>
 DOCUMENT NUMBER: 69:106703
 ORIGINAL REFERENCE NO.: 69:20003a,20006a
 TITLE: 3-Substituted indoles and indazoles
 INVENTOR(S): Horner, Leopold; Sues, Oskor; Simon, Ulrich
 PATENT ASSIGNEE(S): Kalle A.-G.
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 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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GI For diagram(s), see printed CA Issue.
 AB I and II were prepared by irradiating III in excess of a solvent RH. Thus, 3.6 g. III (R1 = 6-Cl, X = N) in 750 ml. C6H6 was exposed to sunlight until the solution, which turns red as the reaction proceeds, no longer couples with phloroglucinol (.apprx.6 hrs.). After evaporation of the C6H6, the residue was chromatographed over Al2O3 to give 71.5% I (R1 = 6-Cl, R = Ph), m. 151-3°. The following I were similarly prepared (R, R1, % yield, and m.p. given): Ph, 5-Cl, 61, 135-6°; 2-pyridyl, 6-Cl, 34.5, 159-60°; 3-(thienyl), 6-Cl, -, 186-7°; Ph, H, -, 115-16°; p-ClMeC6H3, H, -, 141-2°; Ph, 4-Cl, -, 204-5°; p-ClMeC6H3, 6-Cl, -, 169-70°; o-(MeO)2C6H3, 6-Cl, -, 166-7°; CNC6H4, 6-Cl, -, 288-90°; MeO2CC6H4, 6-Cl, -, 174-5°; Ph, 5-MeO, -, 133-4°. III (R1 = H, X = CPh) (2.2 g.) in 330 ml. cyclopentene was irradiated with a high pressure Hg lamp till no more N was given off. II (R = 3-cyclopentenyl, R1 = Ph), m. 163-4°, was isolated in 44% yield by the method described above. The following II were similarly prepared (R, R1, % yield, and m.p. given): 3-cyclohexenyl, Ph, -, 161-2°; 3-cyclooctenyl, Ph, -, 138-40°; cyclohexyl, Ph, 47, 158-9°; cyclohexyl, Me, -, (picrate m. 180-1°); Ph, Me, -, 59-60°; p-MeOC6H4, Ph, -, 124-5°; Ph, Ph, -, 189-90°.
 IT 13097-04-6P 13109-76-7P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
 RN 13097-04-6 CAPLUS
 CN 1H-Indazole, 6-chloro-3-phenyl- (8CI) (CA INDEX NAME)



RN 13109-76-7 CAPLUS
 CN 1H-Indazole, 6-chloro-3-(2-pyridyl)- (8CI) (CA INDEX NAME)

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